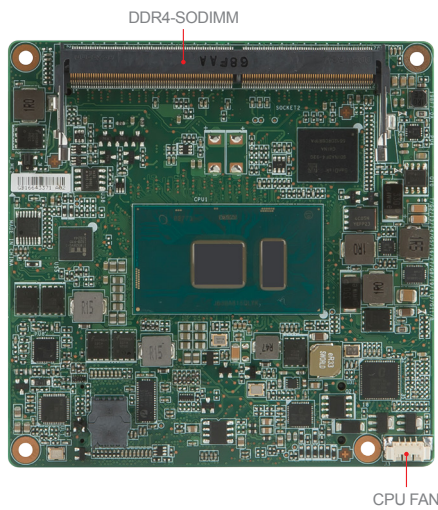


# MS-98F7

COM Express SBC with 7th/6th Gen Intel® Kaby Lake-U/  
Skylake-U Platform for Type6-Compact Solution

NEW



## Features

- Supports 7th/6th Gen Intel® Embedded Mobile Kaby Lake-ULT/ Skylake-ULT Core™ i7/i5/i3/Celeron® Processor
- Supports 2 x DDR4 1866/2133 SO-DIMM up to 32GB
- Supports 3 independent displays with 4K/2K@60Hz HD resolution
- One Intel® GbE LAN w/ iAMT 11.x supported
- Supports 3 SATA 3.0, 2 COM, 4 USB 3.0, and 8 USB 2.0 ports
- Supports TPM2.0 and 32GB eMMC 5.1
- Supports optional x1 or x2 PEG port

## Ordering Information

Part Number	Description
Coming soon	

## Packing List

Part Number	Description
Coming soon	

## Specifications

<b>Processor</b>	CPU	7th/6th Gen Intel® Embedded Mobile Kaby Lake-ULT/Sky lake-ULT Core™ i7/i5/i3/Celeron® Processor, DC, 15W
	Frequency	2.0GHz~3.4GHz (Depends on CPU)
	L2 Cache	2MB~4MB (Depends on CPU)
	CPU Type	BGA
	Chipset	N/A
<b>Memory</b>	BIOS	AMI
	Technology	Dual-channel DDR4 1866/2133MHz
	Max. Capacity	Up to 32GB
<b>Display</b>	Socket	2 x 260-pin SO-DIMMs
	Controller	Intel® HD Graphics
	Graphic Memory	N/A
	LVDS	Dual channel 24-bit
	eDP	1 (colay with LVDS, by BOM option)
	VGA	1 (Share with DDI1 Signal, by BOM option)
	DVI	
	HDMI	2 DDI ports support HDMI/DP (DDI1 by BOM option, default is for VGA)
	DisplayPort	
	Multiple Display	3 independent displays
<b>Ethernet</b>	Display Interface	LVDS Resolution up to 1920x1200 @ 60 Hz eDP Resolution up to 4096x2304 @ 60 Hz VGA Resolution up to 1920 x 1080 @ 60 Hz 2 x DD: HDMI1.4 up to 4096x2160 @ 24 Hz DP up to 4096x2304 @ 60Hz
	Controller	1 x Intel® I219LM GbE-PHY LAN (AMT 11.x supported)
<b>Audio</b>	Controller	Support HD audio interface to carrier board
<b>Super I/O</b>	Controller	N/A
<b>H/W Monitor</b>	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
<b>TPM</b>	Controller	Yes (TPM2.0, by BOM option)
<b>I/O Interface</b>	USB	8 x USB 2.0 (to carrier board) 4 x USB 3.0 (to carrier board)
	Serial	2 x COM (to carrier board)
	Parallel	N/A
	PS/2	N/A
	GPIO	8-bits (4 x GPI; 4 x GPO), 5V
<b>Expansion Slot</b>	PCIe x16	N/A
	PCIe x4	1
	PCIe x1	8 x PCI Express GEN. 3.0 lanes (Supports 5 x PCIe x1 or 4 x PCIe x1 & 1 x PCIe x4 )
<b>Storage</b>	PCI	N/A
	Mini-PCIe	N/A
	SATA	3 x SATA 3.0
<b>Power Supply</b>	eMMC	32GB eMMC 5.1 (by BOM option)
	DC	N/A
<b>Environment</b>	ATX	ATX +12 V and +5 VSB (standby power) AT: +12 V
	Operating Temperature	-20 ~ 70°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
<b>Form Factor</b>	Storage Humidity	10 ~ 90%, non-condensing
	Dimensions	95mm x 95mm (COM Express compact module)
<b>Certification</b>	Weight	0.105 kg
	EMC	FCC, CE,RCM, VCCI, BSMI
<b>Software Platform</b>	OS Support	Windows 7 (32/64bit) Windows 8.1 (64bit) Windows 10 (64bit) Linux Kernel 4.4

HMI Panel PC  
Embedded System Board  
Embedded Board  
Semi-rugged Terminal System  
POS System Board  
COM Express Board  
Qseven Board  
Pico-ITX Board  
3.5" Board  
EPIC Board  
PICMG 1.0 Board  
Mini-ITX Board  
Micro-ATX Board  
ATX Board